

CALIFORNIA GEOLOGY

1980

INDEX TO VOLUME 33

Compiled by Margaret W. Turner

CALIFORNIA GEOLOGY

January, pages 1-24; February, 25-48; March, 49-72; April, 73-96; May, 97-120; June, 121-144; July, 145-168; August, 169-188; September, 189-212; October, 213-236; November, 237-260; December, 261-284.

A

- Acid spoils, 1:8
- Advisory services, 5:99
- AEG California Conference, May 3-4, 1980, 3:50
- Aftershocks of the Homestead Valley earthquake of March 15, 1979, 1:14
- AIME Conference, 1:2, 2:26
- Algermissen, S.T., 10:225
- Alpine County
Revegetation of acid spoils, Leviathan mine, 1:8
- Alvin, deep dive submarine, 2:28
- Amargosa Valley, California, 8:181
- Amimoto, P.Y., 5:99
- Arden, K., 9:193
- Arnold, R., 7:153
- Artificial and natural slope failure, A comparison of, 5:102
- Auburn damsite, California, 12:275

B

- Bacon, C.F., 12:284
- Bailey, M., 4:74
- Barker, C.E., 8:181
- Basement rock clasts in the Temblor Range, 7:153
- Bedrossian, T.L., 4:88; 9:194
- Bezore, S.P., 4:88; 12:265
- BLM Desert District, 12:276
- BLM Newsbeat, 5:140, 12:278
- Bluebird Canyon landslide, 9:202
- Book Reviews, See Reviews.
- Borate, 8:181
- Boylan, R.T., 11:242
- Bryant, W.A., 9:195
- Bushnell, M.M., 11:258
- Butterfield, R.I., 1:8

C

- California Desert Conservation Area (CDCA) Plan, 9:206
- California laws for mines and mining, 11:251
- California license renewal, 6:127
- California well sample repository, 2:42
- California Division of Mines and Geology
Advisory Services, 5:99
- Fault evaluation and zoning program, 7:147
- Geologic mapping programs, 5:123
- Geophysical investigation program, 8:171
- Geothermal program, 12:283
- Mineral program, 9:191
- Programs and functions, 2:27
- Publications program, 12:239
- Strong Motion Instrumentation Program, 10:215
- Carlson, K., 5:101
- CDMG 1980-1980, 1:2
- CDMG publications, 2:44; 3:70; 4:94; 5: 5:98; 7:146; 152; 166; 9:202; 211; 10:233; 234; 11:238; 251; 258; 12:274, 275
Out of print, 4:96; 5:98
- CDMG Roots, 3:714
- Centennial Logo, 4:74; 12:282
- Centennial Post Cards, (CDMG), 11:269
- Chapman, R.H., 8:171, 173
- Chase, G.W., 8:173
- Chromium recycling method developed by USBM, 9:190
- Cinder Cone, 5:101
- Clark, W.B., 8:173; 11:243
Retirement, 11:250
- Cleveland, G.B., 2:29
Retirement, 2:36

C

- Coal,
 - Deposits, 3:52
 - Mount Diablo, 3:51
- Coalfield, History of Mt. Diablo, 3:51
- Cole, D.M., 5:110
- Corrections, 2:47; 3:50; 4:74; 10:214
- Counties
 - Alameda, 3:68; 4:88
 - Alpine, 1:8
 - Contra Costa, 3:51; 68; 4:88
 - Imperial, 3:68; 7:146
 - Inyo, 3:71; 8:181
 - Kern, 7:163; 10:224
 - Lassen, 5:101
 - Los Angeles, 3:70; 7:166; 167; 10:224; 12:274, 275
 - Marin, 3:68
 - Mono, 3:71; 9:194
 - Napa, 11:260
 - Orange, 3:68; 7:166; 9:202, 211
 - Plumas, 5:191
 - Riverside, 3:68
 - San Bernardino, 1:11; 14, 18, 20; 3:80; 5:106, 110; 10:214
 - San Diego, 3:68; 7:146
 - San Francisco, 3:68
 - San Joaquin, 3:68
 - San Luis Obispo, 2:29; 7:153
 - San Mateo, 3:68; 4:84
 - Santa Barbara, 5:102
 - Santa Clara, 3:68; 4:84; 9:211
 - Santa Cruz, 3:68
 - Shasta, 5:101
 - Sierra, 8:173
 - Solano, 3:68
 - Sonoma, 3:70
 - Stanislaus, 3:68
 - Tehama, 5:101
 - Cramer, C.H., 9:195
- D

D

- Davis, J.F., 1:2; 2:27
- Dear Editor, 12:283
- Death Valley borate region, 8:181
- Desert District (BLM), 12:276
- Dibblee, T.W., Jr., 3:81
- Diving for gold in California, 11:243
- Draught and ground deformation, Cambria, San Luis Obispo County, California, 2:29

E

- Earthquakes
 - Greenville, 4:88
 - Homestead Valley, 1:11; 14; 3:60; 5:106, 110
 - Imperial Valley, 10:228
 - Livermore, 4:88; 92; 10:230
 - Mammoth Lakes, 9:194
 - Palo Alto, 4:84
 - San Fernando, 10:227
 - Santa Barbara, 10:228
 - Sounds, 1:14
- Earthquake damage to mobile homes in California, 10:225
- Earthquake intensity and golfers, 12:283
- Earthquake seminar, 1:10
- Earthquake swarm, 1:11; 3:80
- Ebel, J.E., 3:60; 5:10
- Egenhoff, E.L., 6:133
- Energy Department of, 12:268
- Uranium library, 11:268
- Epicentral locations for the Homestead Valley earthquake sequence, March 15, 1979, 5:110
- Erosion, 1:6
- Everett, R.L., 1:8

E

Experiencing the 1906 Earthquake at Palo Alto, California, 4:84

F

- Fault evaluation and zoning program, 7:147
- Fault features in soils of the Mehrten Formation, 12:275
- Faults
 - Camp Rock, 1:11
 - Greenville, 1:92
 - Hilton Creek, 9:195
 - Homestead Valley, 1:11; 3:80; 5:106, 110
 - Johnson Valley, 1:11; 3:81
 - Mission Creek, 1:14
 - Pinto Mountain, 1:14; 3:80
- Federal laws and regulations...Mineral resources and public lands, 6:128
- California desert area, 6:131
- Office of surface mining, 6:131
- US Bureau of Land Management, 6:131
- US Forest Service 6:130
- First Century, The, 4:75
- Activities, 4:77
- Mining Bureau established, 4:78
- State Geological Survey established, 4:77
- Foster, E.L., 11:242; 12:262
- FWS-NAGT fieldtrip guidebooks, 12:283

G

- Geologic and tectonic settings of the epicentral area, Livermore earthquakes of January 1980, 4:93
- Geologic Mapping Program, 6:123
- Geologic study of the Homestead Valley earthquake swarm of March 1979, 3:80
- Geologist and Geophysicist Act, Violations of, 9:208
- Geomorphic Provinces map of California, 2:40
- Geophysical Investigation Program, 8:171
- German, P.T., 5:110
- Gilbert, G.K., and integrative science, 1:3
- Given, J.W., 3:60, 5:110
- Gold find in California, 11:250
- "Gold Rush" of '79 reflected in filings, 3:50
- Grew, P.C., 1:3
- Ground deformation, 2:29
- Ground rupture, 9:198
- Guidebooks, FWS-NAGT field trip, 12:283

H

- Hallstrom, C.L., 10:218
- Hanks, H.G., 3:71
- Harp, E.L., 5:102
- Hart, E.W., 3:88; 4:88; 7:147; 9:195
- Higgins, C.T., 12:263
- Hill, R.L., 3:60
- Homestead Valley
 - earthquake swarm, 1:11; 3:80
 - faults in Pipes Wash, 3:66
 - field observations, 3:66
 - Geologic study 3:80
 - ground motion 5:106
 - Johnson Valley fault, 3:85
 - Landers area 1:18; 5:106
 - source of seismic energy, 5:108
 - surface faulting, 3:62
 - thermal survey, 1:20
 - water tank "seismoscope", 5:107
- Huckaby, L., 11:242
- Huston, M.M., 10:218
- Hutton, L.K., 5:110

I
Index to Graduate theses and dissertations on California Geology, 1977 and 1978, 7:158
Inside California Division of Mines and Geology, 4:75

International Solution Mining Symposium, Call for papers, 8:170

J
Jenkins, O.P., 2:36; 40; 4:84
Jennings, C.W., 6:123
Johnson, C.E., 5:110

K
Kahle, J.E., 9:196
Kaliakin, N., 10:218
Keeler, D.K., 5:102
Kohler, S.L., 9:193

L
Landers area Magnetometer survey, 1:18
Landslides, 5:103; 9:194, 202
Lassen Volcanic National Park, 5:101
Lee, T.C., 1:14
Leivas, E., 11:240
Letter to the Editor, 12:283
Leviathan Mine, 1:8
Lindgren, E.M., 11:242
Livermore earthquakes of January 1980, Contra Costa and Alameda Counties, California, The, 4:88, 92
Lloyd, J.C., 11:241
Loyd, R.C., 9:192
Locating a lode mining claim, 10:234
Locating a placer mining claim, 10:233

Mc
Mc Junkin, R.D., 1:11; 9:194
Mc Milan, J.R., 3:60
Mc Whirter, J., 1:18

M

Magnetic-field, 1:19
Landers area, 1:18
Mammoth Lakes earthquake, 9:194
Manson, M.W., 9:192
Maps
Bouguer gravity, 8:117
Geologic map of California, 2:41
Geomorphic provinces, 2:41
Relief map, 2:41
Special Studies Zones, 3:68
Meeuwig, R.O., 1:8
Memorial (See Obituaries)
Meneely, R.J., 10:218
Mined-land reclamation, 4:74
Leviathan Mine, Alpine County, 1:8
revegetation of untreated acid spoils, 1-8
Mineral Information Service,
Volume 1, Number 1, 2:36
Mineral resources and public lands, 5:128
Mineral rights, rules and regulations, 11:249
Minerals, 8:187; 10:219
Minerals Conference, 2:26
Minerals program, CDMG, 2:191
Mines
Black Diamond, 3:56
Eagle Mountain Iron mine, 3:89
Empire mine, 3:58
Leviathan, 1:8
Mining.
coal, 3:57
debris, 1:5
gold diving, 11:247
hydraulic, 1:4; 8:176
laws, 11:261
placer, 8:175
Mining Board News, 9:83
Mining Conference, 2:26

Mining Engineers, 1:2
Moar, R.R., 7:148; 11:242
Mobile homes in California, 10:225
Modglin, Andrew, Mrs., Photo courtesy of, 8:175
Mojave Desert, 5:106
Moreno, J.G., 4:88
Morgan, R.L., 11:242
Morton, P.K., 9:191; 10:219
Mount Diablo Coalfield, Contra Costa County, California, History of, 3:51
Mount St. Helens, Washington, Volcanic activity, 6:143; 9:209

N
New and revised Special Studies zones, 3:68
1980 Index, 12:281
1986 Ground rupture, 4:93
1979 Annual Report-State Mining & Geology Board, 5:118
1979 Mining review, 10:219
Non-polluting lead production test, 11:258

O
Oakeshott, G.B., 4:75, 92; 12:266
Oat Mountain, Map Sheet, 12:274
Obituary
Howell Williams, 8:170
100 Years ago...., 5:115
Open-file reports, See CDMG publications
Orr, R., 10:218

P
Page from history, A, 6:133
Parker, D.R., 1:20
Parton, J.M., 10:218
Pechmann, J.C., 3:60; 5:110
Port Wine, Sierra County, CA, 8:173
Preliminary Fault Data, 6:122
Programs and Functions of CDMG, 2:27
Protasov, V.A., 11:242
Protection of mineral deposits, 12:280
Publications Program, 11:238

Q
"Quartz Basalts", 5:101

R
Ragsdale, J.T., 10:218
Rapp, J.S., 9:182
Real, C.R., 9:194
Recommendation for safer blasting practices at surface mines (USBM), 9:207
Registration Board Officers, 12:262
Registration examinations, 6:122; 12:282
Relief Map of California, 2:41
Renaming "Quartz Basalt," of Cinder Cone, Lassen Volcanic National Park, 5:101
Report of Progress-History, 3:71
Repository, California Well Sample, 2:42
Request for data-San Bernardino quadrangle, 10:214
Revegetation of untreated acid spoils, Leviathan Mine, Alpine County, CA 1:8

Reviews 1:22; 2:45; 4:94; 6:141; 7:185; 9:209; 10:235; 11:266; 12:277
Rock Mechanics course, 6:127
Rockfall, debris, 5:103; 9:194
Ross, D.C., 7:153

S
San Bernardino quadrangle, 10:214
San Francisco Bay, 1:4
Santa Barbara earthquake of August 13, 1978, 5:102; 10:228
Seucedo, G.J., 7:158
Schader, E.E., 10:225
Schick, J.T., 1:20
Scuri, A.L., 9:208

Seamount, D., 1:14
Search for hot water, The, 12:283
Seaton, M.L., 10:218
S
Sherburne, R.W., 4:88
Skarakis, G.E., 9:208
Slope failures, 5:102; 9:202
Slope failures in Orange County, 9:202
SMARA, 5:118; 9:206
SMIP accelerograph sites, 1:11
Smith, D., 6:128
Smith, R.M., 11:242
Sprague, D.W., 3:69; 5:119; 9:206; 12:280
Special Studies Zones, New and revised, 3:68
State Mining and Geology Board
Recommendations to Legislature, 5:118
Report, 3:69; 6:118
Summary of activities, 9:206
Statement of Ownership, 11:242
Steeves, V.L., 10:218
Steinbrugge, K.V., 10:225
Stierman, D.J., 1:14
Stinson, M.C., 9:192
Storms, W.H., 1880-1917, 5:133
Streitz, R., 11:235
Strong-motion data, 1:11; 4:91; 9:200
Strong-motion data for the Homestead Valley earthquake swarm March 1979, 1:11; 5:106
Strong Motion Instrumentation Program, 1:11; 10:215
Strong-motion record, 4:91; 9:200
Summer field geology, 4:74
Sylphax, V.G., 10:215

T
Tambert, J.O., 11:242
Tan, S.S., 9:202
Taylor, G.C., 9:195
Tectonic history of the area north of San Francisco Bay, 12:266
Tectonic mystery...A, 7:153
Terry Borate deposit, Amargosa Valley, Inyo County, California, 8:181
Tertiary gold channels, Port Wine, Sierra County, California, 8:173
Thermal survey, Homestead Valley, 1:20
Toppozada, T.R., 9:195
Torres, Sue, 2:35
Treiman, J.A., 3:60
Turner, M.W., 11:241; 12:281
Turpen, C.D., 10:218
U
Uranium evaluation of Trona quadrangle, 11:258
US Bureau of Mines See USBM
USBM Liaison office, 12:276
USBM News, 1:29; 190, 207; 11:258
US Geological Survey, See USGS
USGS Research Proposals solicited, 12:262

V
Violations of the Geologist and Geophysicist Act, 9:208

W
Wasson, Joseph, 3:71
Water tank "Seismoscope", 5:107
Waters, J., 3:51
Wheeler, G., 5:101
Williams, H., 8:170
Williams, F.J., 1:18
Wilson, R.C., 6:102
Withdrawn land review, 6:140
Wolfe, J.E., 9:208
Woods, M.C., 11:240
Wootton, T.M., 4:88; 10:215

Z
Zappe, S.O., 1:14

